



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/541,976

07/11/2005

Gerardus Cornelis Petrus Lokhoff

NL 030035

8077

24737

7590

01/21/2009

PHILIPS INTELLECTUAL PROPERTY & STANDARDS

P.O. BOX 3001

BRIARCLIFF MANOR, NY 10510

EXAMINER

SMITHERS, MATTHEW

ART UNIT

PAPER NUMBER

2437

MAIL DATE

DELIVERY MODE

01/21/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/541,976	Applicant(s) LOKHOFF, GERARDUS CORNELIS PETRUS	
	Examiner Matthew B. Smithers	Art Unit 2437	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 July 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 July 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>3/24/06</u> | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Information Disclosure Statement

The information disclosure statement filed March 24, 2006 has been placed in the application file and the information referred to therein has been considered as to the merits.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-9 are rejected under 35 U.S.C. 102(e) as being anticipated by US patent 6,809,792 granted to Tehranchi et al.

Regarding claim 1, Tehranchi meets the claimed limitations as follows:

“A method of adding watermark information when duplicating an original film print to an undeveloped copy film, where a surface of the original film print is positioned close to a surface of the undeveloped film and where the surface of the undeveloped film is exposed with light transferred through the surface of the original film print, characterized in that said light is obtained from a controllable light source, where said light source is

Art Unit: 2437

controlled such that the light transferred through the surface of the original film print is a predefined pattern.” see Abstract; column 6, line 42 to column 7, line 43; column 8, line 1 to column 9, line 26; and Figures 6 and 7.

Regarding claim 2, Tehranchi meets the claimed limitations as follows:

“A method according to claim 1, where the light source is controlled by switching the light from a number of individual light sources on and off according to said predefined pattern.” see Abstract; column 6, line 42 to column 7, line 43; column 8, line 1 to column 9, line 26; and Figures 6 and 7.

Regarding claim 3, Tehranchi meets the claimed limitations as follows:

“A method according to claim 1, where the light source is controlled by changing the color of the light from a number of individual light sources according to said predefined pattern.” see Abstract; column 6, line 42 to column 7, line 43; column 8, line 1 to column 9, line 26; and Figures 6 and 7.

Regarding claim 4, Tehranchi meets the claimed limitations as follows:

“A method according to claim 1, where the light source is controlled by changing the intensity of the light from a number of individual light sources according to said predefined pattern.” see Abstract; column 6, line 42 to column 7, line 43; column 8, line 1 to column 9, line 26; and Figures 6 and 7.

Regarding claim 5, Tehranchi meets the claimed limitations as follows:

“A method according to claim 1, where controlling the light source comprises detecting the pattern of light from said light source, comparing the detected pattern with the predefined pattern and controlling the light sources according to the difference between

Art Unit: 2437

the detected pattern and the predefined pattern.” see Abstract; column 6, line 42 to column 7, line 43; column 8, line 1 to column 9, line 26; and Figures 6 and 7.

Regarding claim 6, Tehranchi meets the claimed limitations as follows:

“A computer readable medium having stored therein instructions for causing a processing unit to execute the method of claim 1.” see Abstract; column 6, line 42 to column 7, line 43; column 8, line 1 to column 9, line 26; and Figures 6 and 7.

Regarding claim 7, Tehranchi meets the claimed limitations as follows:

“A system for adding watermark information when duplicating an original film print to an undeveloped copy film, the system being arranged for positioning a surface of the original film print close to a surface of the undeveloped film, the system being arranged for exposing the surface of the undeveloped film with light from a light source, said light source being positioned above the surface of the original film print whereby the light from the light source is transferred through the surface of the original film print, characterized in that said arrangement comprises a controller for controlling the light from said light source according to a predefined pattern.” see Abstract; column 6, line 42 to column 7, line 43; column 8, line 1 to column 9, line 26; and Figures 6 and 7.

Regarding claim 8, Tehranchi meets the claimed limitations as follows:

“A system according to claim 7, wherein the controller comprises a feedback loop comprising: a detector for detecting the pattern from the light sources, a comparison device comparing the detected pattern with the predefined pattern and controlling the light from the light sources according to the difference between the detected pattern and

Art Unit: 2437

the predefined pattern.” see Abstract; column 6, line 42 to column 7, line 43; column 8, line 1 to column 9, line 26; and Figures 6 and 7.

Regarding claim 9, Tehranchi meets the claimed limitations as follows:

“A system for determining the legality of a film print copy characterized in, that the system comprises: means for detecting a pattern, where the pattern has been added by exposing undeveloped copy film using a light source for exposing the undeveloped film through the original film print according to a pattern, means for comparing the detected pattern with a predefined pattern, means for determining the legality according to the difference between the detected pattern and the predefined pattern.” see Abstract; column 6, line 42 to column 7, line 43; column 8, line 1 to column 9, line 26; and Figures 6 and 7.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

A. Lowe et al (US 20030012569) discloses emulsion media with a steganographic pattern.

B. Yamaguchi (US 20010026369) discloses a system for reading spectral characteristics of a photographic film.

C. Sun et al (US 6,678,389) discloses a method for embedding information into digital multimedia data.

D. Shafer et al (US 5,448,049) discloses bar code reader for detecting codes in a filmstrip.

E. Kaule et al (US 4,598,205) discloses security paper with authenticity features.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Matthew B. Smithers whose telephone number is (571) 272-3876. The examiner can normally be reached on Monday-Friday (8:00-4:30) EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Emmanuel L. Moise can be reached on (571) 272-3865. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Matthew B Smithers/
Primary Examiner, Art Unit 2437